

PHILIPS DAY-BRITE PHOTOMETRIC  
938 S. GREEN ST.  
TUPELO, MS 388804  
NVLAP CODE: 200016-0

Test Report Number: FO38778  
Test Item Number: CLU3 1-LGIT H35C4

Report Number	FO38778
Test Item	CLU3 1-LGIT H35C4 LED SIDE LAMP METAL COVER PAINTED WHITE @680mA
Product Type	
Test Purpose	
Sales Order Reference	
Works Order Number	
Test Item Reference	CLU3 COMPAC LED
Lab Test Method Reference	LM79-08
Test Standards	
Lab Location Reference	TUPELO
Tested by	MARY MOSES
Date of Test	11/28/17
Number of products Tested	
Analysed By	
Authorised Date	

KJ/ SUPRABH SINGH

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Product Name	CLU3 1-LGIT H35C4 LED SIDE LAMP METAL COVER PAINTED WHITE
Part / Serial Number	
Type of Product	
Base Type	
Driver Type	DC POWER SUPPLY @680mA
Operating Orientation	
Test Orientation	
Manufacturer	
Date of Manufacture	
Thermal Management	
Dimmable	

Test Time (minutes)	Ambient Temperature (deg C)	Relative Humidity (%RH)	Pre-burning Time (hours)	Stabilisation Time (minutes)
0.00	25.00	0.00	0.00	0.00

#### Photometric Measurements

Total Luminous Flux (lm)	Electrical Power (W)	Luminous Efficacy (lm/W)	Test Distance (m)
258.9	2.10	123.30	6.82

#### Electrical Measurements

Power Factor	Power (W)	Voltage (V)	Current (A)	Apparent Power (VA)	Frequency (Hz)	Current THD (%)	Voltage THD (%)
0.00	2.10	2.92	0.68	0.00	0.00	0.00	0.00

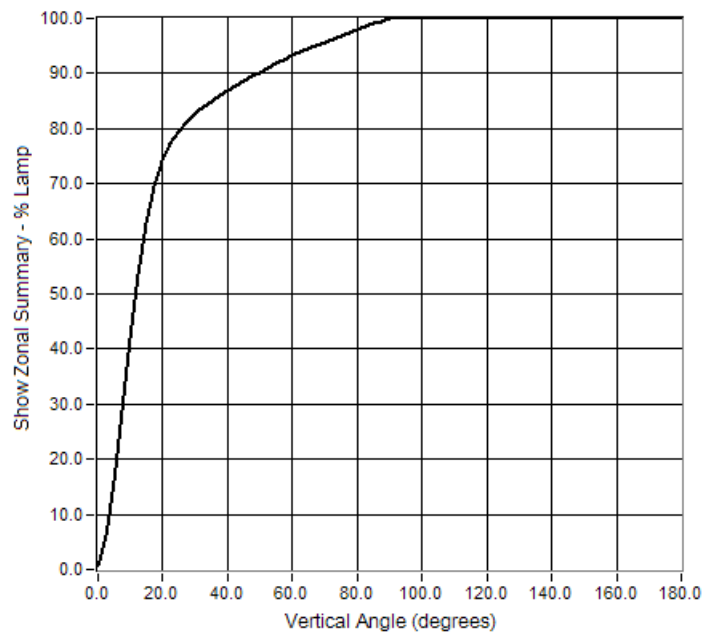
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## Zonal Lumen Summary

	Summary Zonal Lumens	Zonal Lumens - % Lamp	Zonal Lumens - % Fixture
0 to 30	212.58	82.10	82.10
0 to 40	223.63	86.36	86.36
0 to 60	240.54	92.90	92.90
0 to 90	258.30	99.75	99.75
40 to 90	34.68	13.39	13.39
60 to 90	17.76	6.86	6.86
90 to 180	0.64	0.25	0.25
0 to 180	258.94	100.00	100.00

Zonal Flux Graph

Plot 0 

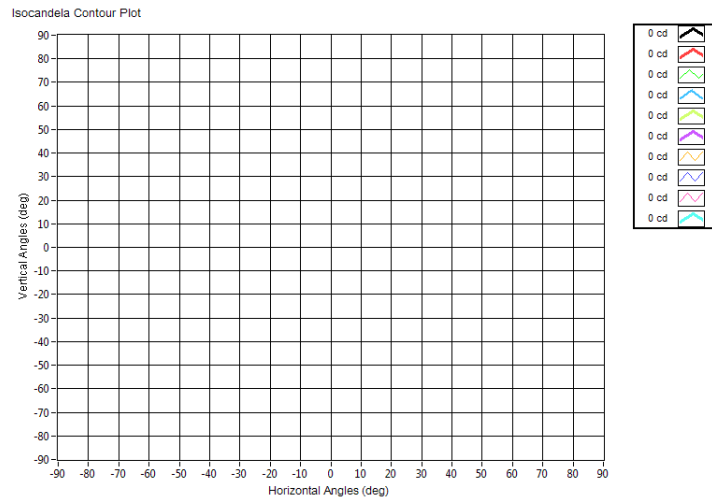


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## Luminaire Dimensions

Sample Diameter/ Length (mm)	Sample Width (mm)	Sample Height/ Depth (mm)	Luminous Diameter/ Length (mm)	Luminous Width (mm)	Luminous Height/ Depth (mm)	Luminous C0-plane (mm)	Luminous C90-plane (mm)	Luminous C180-plane (mm)	Luminous C270-plane (mm)
-51.82	-51.82	0.00	-18.29	-18.29	0.00	0.00	0.00	0.00	0.00

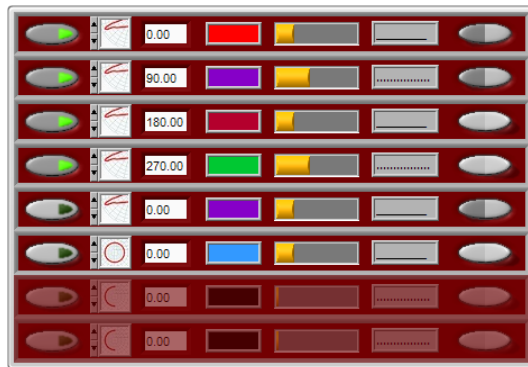
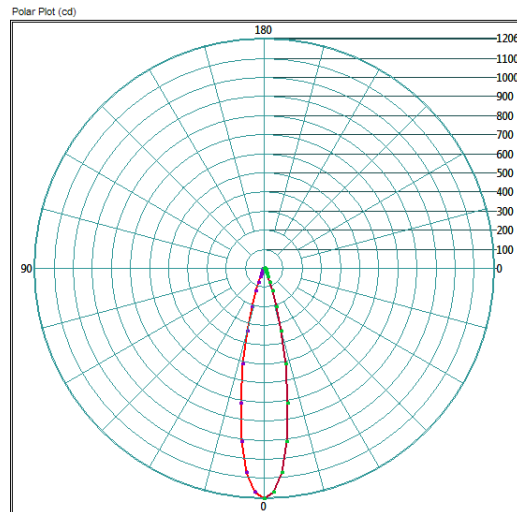


Minimum Intensity (cd)	Maximum Intensity (cd)
0.00	0.00

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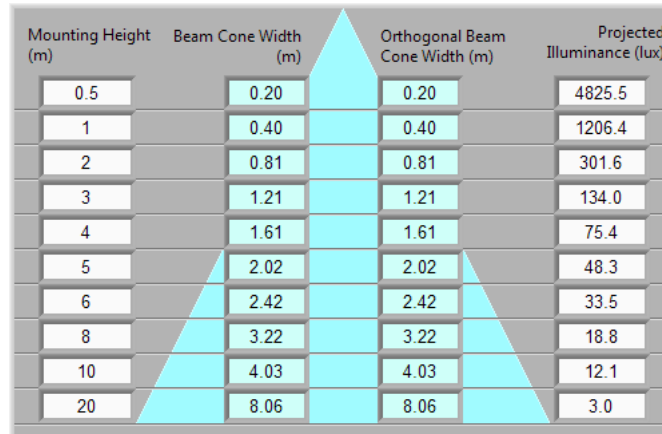
## Polar Plot (cd)



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### Illuminance at a Distance



Target % of Peak Intensity	Beam Angle to % Intensity Value (degrees)	Beam Angle to Specified % Intensity Value (degrees) [-]
50.00	22.79	22.79

Beam Spread (at 50% Max CD)		Field Spread (at 10% Max CD)	
(deg) Horiz	(deg) Vert	(deg) Horiz	(deg) Vert
NaN	NaN	NaN	NaN

Total Luminous Flux	Field (%)	Field Flux (lm)	Beam Flux (%)	Beam Flux (lm)	Beam Spill (%)
NaN	NaN	0.00	NaN	0.00	NaN

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Candela Table (cd)

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5	225.0	247.5	270.0	292.5	315.0	337.5
0.0	1206.4	1206.4	1206.4	1206.4	1206.4	1206.4	1206.4	1206.4	1206.4	1206.4	1206.4	1206.4	1206.4	1206.4	1206.4	1206.4
2.5	1173.3	1173.3	1173.3	1173.3	1173.3	1173.3	1173.3	1173.3	1173.3	1173.3	1173.3	1173.3	1173.3	1173.3	1173.3	1173.3
5.0	1073.2	1073.2	1073.2	1073.2	1073.2	1073.2	1073.2	1073.2	1073.2	1073.2	1073.2	1073.2	1073.2	1073.2	1073.2	1073.2
7.5	917.2	917.2	917.2	917.2	917.2	917.2	917.2	917.2	917.2	917.2	917.2	917.2	917.2	917.2	917.2	917.2
10.0	716.4	716.4	716.4	716.4	716.4	716.4	716.4	716.4	716.4	716.4	716.4	716.4	716.4	716.4	716.4	716.4
12.5	513.5	513.5	513.5	513.5	513.5	513.5	513.5	513.5	513.5	513.5	513.5	513.5	513.5	513.5	513.5	513.5
15.0	339.4	339.4	339.4	339.4	339.4	339.4	339.4	339.4	339.4	339.4	339.4	339.4	339.4	339.4	339.4	339.4
17.5	210.2	210.2	210.2	210.2	210.2	210.2	210.2	210.2	210.2	210.2	210.2	210.2	210.2	210.2	210.2	210.2
20.0	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6	127.6
22.5	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
25.0	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
27.5	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
30.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
32.5	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
35.0	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
37.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
40.0	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
42.5	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
45.0	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
47.5	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
50.0	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
52.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
55.0	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
57.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
60.0	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
62.5	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
65.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
67.5	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
70.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
72.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
75.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
77.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
80.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
82.5	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
85.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
87.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
90.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
92.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Candela Table (cd)

	360.0
0.0	1206.4
2.5	1173.3
5.0	1073.2
7.5	917.2
10.0	716.4
12.5	513.5
15.0	339.4
17.5	210.2
20.0	127.6
22.5	78.4
25.0	50.8
27.5	35.2
30.0	26.1
32.5	20.4
35.0	16.9
37.5	14.6
40.0	13.2
42.5	12.2
45.0	11.5
47.5	10.8
50.0	10.2
52.5	9.6
55.0	8.9
57.5	8.3
60.0	7.7
62.5	7.2
65.0	6.7
67.5	6.3
70.0	6.0
72.5	5.7
75.0	5.5
77.5	5.2
80.0	5.1
82.5	4.9
85.0	4.8
87.5	4.7
90.0	4.6
92.5	0.0
95.0	0.0
97.5	0.0
100.0	0.0
102.5	0.0
105.0	0.0
107.5	0.0
110.0	0.0
112.5	0.0
115.0	0.0
117.5	0.0
120.0	0.0
122.5	0.0
125.0	0.0
127.5	0.0
130.0	0.0
132.5	0.0



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Candela Table (cd)

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5	225.0	247.5	270.0	292.5	315.0	337.5
135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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### Candela Table (cd)

	360.0
135.0	0.0
137.5	0.0
140.0	0.0
142.5	0.0
145.0	0.0
147.5	0.0
150.0	0.0
152.5	0.0
155.0	0.0
157.5	0.0
160.0	0.0
162.5	0.0
165.0	0.0
167.5	0.0
170.0	0.0
172.5	0.0
175.0	0.0
177.5	0.0
180.0	0.0